NAME: _____

DATE: _____ MATH: _____

CREATING AN EQUATION TO SOLVE WORD PROBLEMS – FRACTION UNIT

Directions: Work with your group to illustrate, define the unknown, **write an equation**, solve and check an equation for each scenario.

1. Carly used 2 ¾ cups of flour in her recipe. She has $5\ ^{1}/_{5}$ cup remaining. How much did she start with?	
Understand (illustrate)	
Define unknown	Write equation following the sequence of the scenario!
Let x =	
Solve equation	Check

2. A certain stock started the day at $67\ ^{1}/_{10}$ points. It ended the day at $82\ ^{2}/_{25}$. How much did it change during the day?	
Understand (illustrate)	
Define unknown	Write equation following the sequence of the scenario!
Let x =	
Solve equation	Check

3. Arthur purchased $3\,{}^{5}/_{8}$ pounds of jellybeans. Charles purchased a bag as well. If together, they have 11 pounds of jellybeans, how much did Charles purchase?	
Understand (illustrate)	
Define unknown	Write equation following the sequence of the scenario!
Let x =	
Solve equation	Check

4. Emily had a certain amount of ribbon. After removing $17\ ^{2}/_{3}$ yards, she had $3\ ^{2}/_{7}$ remaining. How much did she have to begin?	
Understand (illustrate)	
Define unknown	Write equation following the sequence of the scenario!
Let x =	
Solve equation	Check